



Borough of Crosby

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Annual Report

of the

Medical Officer of Health

For the Year 1968



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# BOROUGH OF CROSBY

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*MAYOR:* Councillor L. HYAM, J.P.

*DEPUTY MAYOR:* Alderman R. THOMPSON

*TOWN CLERK :* HAROLD O. ROBERTS, D.P.A., Barrister-at-Law.

## HEALTH COMMITTEE AT THE END OF 1968

*Chairman :*

Councillor Mrs. E. M. BRUCE

*Deputy Chairman :*

Councillor Mrs. A. SENIOR.

THE MAYOR

THE DEPUTY MAYOR

} *Ex-Officio Members.*

Alderman E. ROSEWARNE

„ J. SUTCH, B.E.M., J.P.

Councillor Mrs. R. BESWARICK

„ J. A. CURRAN

„ A. J. JONES

„ R. A. McGEACH

„ G. J. PEAT, Dip.M.I.E.S.

„ Mrs. E. M. RIMMER

„ Mrs. B. TAYLOR

„ G. WALTON

„ J. M. WILLETT

„ T. WILLIAMS

## STAFF OF THE PUBLIC HEALTH DEPARTMENT DURING 1968

### *Medical Officer of Health :*

J. G. HAILWOOD, M.D., Ch.B., M.R.C.S., L.R.C.P., D.P.H.

### *Deputy Medical Officer of Health :*

IRENE W. SIMPSON, M.B., Ch.B., D.P.H., F.R.S.H.

### *Assistant Medical Officers of Health :*

J. B. CLARKE, M.R.C.S., L.R.C.P., D.R.C.O.G., D.P.H.

C. M. MAISELS, M.B., Ch.B., D.P.H. (part-time)  
(to 21.6.68)

### *Dental Officers :*

E. CROSBIE, L.D.S.

J. B. COONEY, L.D.S., R.C.S.

### *Chief Public Health Inspector :*

G. F. LEWIS, M.R.S.H., M.A.P.H.I., D.P.A.(L'pool)

*Deputy Chief Public Health Inspector :* R. SPENCER, D.P.A.(L'pool)

### *District Public Health Inspectors :*

D. BARBER, M.A.P.H.I.

P. M. WATSON

E. WARNER

### *Pupil Public Health Inspector :*

I. F. BEBBINGTON

### *Health Visitors/School Nurses :*

Miss K. ARMSTRONG

Miss A. M. COLLEY

Miss M. KENNY

Miss J. P. T. LEWIS

Mrs. M. POWER

Mrs. J. PARKINSON (part-time)  
(from 4.11.68)

Miss H. BLACK

Miss H. S. GROSSART

Mrs. A. M. C. JACOB

Miss J. KENYON

Mrs. M. W. McMANUS (to 7.4.68)

Miss H. M. SWAIN

Miss M. WILKINSON

### *Clinic Nurse:*

Mrs. J. M. BIRKBY (to 30.4.68)

Mrs. B. WATSON (from 9.5.68)

### *District Midwifery Sisters :*

Miss A. BOYCE (to 17.2.68)

Miss M. I. CARRAHER (from 6.3.68)

Mrs. J. M. SULLIVAN

Miss J. McGUINNESS

### *District Nursing Sisters :*

Mrs. F. C. BLACK

Mrs. M. A. GARCIA

Miss W. HOLDEN

Mrs. E. WATSON

Mrs. M. A. COLE

Mrs. M. H. GARDEN

Mrs. N. K. HUGHES

Miss M. NOONAN (to 5.11.68)

Mrs. M. C. OLSON

Miss R. SHANNON

*District Nurses :*

Mrs. M. MARL

Mrs. M. T. PARENT

Miss M. MULCRONE

*Nursing Auxiliary:*

Mrs. D. PARKINSON (to 31.7.68)

Mrs. M. R. SCAIFE (from 9.9.68)

*Dental Surgery Assistants :*

Miss J. M. CLARKE

Miss P. A. SYMONDS (to 30.4.68)

Miss M. T. BLUNDELL (from 1.5.68)

*Home Teachers for the Blind:*

Miss K. BURGESS

Miss J. B. MORPHET (to 30.9.68)

*Home Help Organiser:* Miss L. CARR

*Welfare Services Organiser (part-time) :* J. LOWE

*Social Welfare Officer (part-time) :* Miss M. LOVELL

*Senior Mental Welfare Officer (part-time) :* W. J. MAXWELL

*Mental Welfare Officer (part-time) :* Mrs. A. MADDICK

*Occupational Therapists (part-time):*

Mrs. S. THOMAS (to 11.2.68)

Mrs. C. M. VENABLES (from 7.10.68)

*Senior Administrative Assistant :* A. YOUNG, D.M.A., A.R.S.H.

*Clerical Staff :*

Miss A. M. HOCKENHULL  
(Chief Clerk)

Miss J. OWEN (to 29.3.68)

Mrs. V. C. TYERS

Mrs. E. M. AYNLEY

Mrs. M. COOTE (part-time)

Mrs. N. DUFFY

Miss J. DRAPER

Mrs. M. LEADBETTER

Miss A. M. NIXON (to 22.10.68)

Mrs. S. JONES (from 18.11.68)

Miss B. STEELE (from 1.5.68)



PUBLIC HEALTH DEPARTMENT,  
22, THE ESPLANADE,  
WATERLOO,  
CROSBY.

Mr. MAYOR, LADIES AND GENTLEMEN,

I have the honour to present the 32nd Annual Report of the Borough of Crosby.

The health of the Borough remained satisfactory during the year. There were 347 cases of infectious diseases notified, compared with 563 in 1967. This, however, was almost entirely due to a reduction in the cases of Measles. When the programme for immunisation against Measles becomes fully accepted, it is hoped that the number of cases will be further reduced.

The birth rate decreased slightly at 16.1 per 1,000 population compared with 16.8 in 1967.

The death rate was 13.1 per 1,000 population, a slight increase over the rate of 12.5 in 1967. However, there was a decrease in the infant mortality rate at 17 per 1,000 live births, compared with 19.5 in 1967. There were again no maternal deaths.

Housing conditions continued to improve in Crosby. A total of 250 houses or flats were completed by the Local Authority during the year, whilst a further 120 were built by private enterprise. Many of the new Local Authority houses have, of necessity, been built in the Thornton Estate and there has been some reluctance shown by some families to move there from the Seaforth area which they knew so well, but where much poor property has been included in clearance areas and planning permission has been refused to the Corporation for re-development of this land as a housing site. Slum clearance has continued, but the deterioration of houses is a continuing process and the need for clearance and demolition will be with us for a long time.

During the year the Public Health Inspectors visited 3,397 houses of which 806 were not in all respects fit for human habitation, but after action by the Local Authority all these were rated fit.

The staff of the Health Department have carried out their duties in a most competent manner and I would pay tribute to their high standard of work during the year.

Finally, I would thank the Chairman and Members of the Health Committee for their interest and support during the year and the Chief Officers and their staffs for their ready help and co-operation at all times.

I am your obedient servant,

J. G. HAILWOOD,  
*Medical Officer of Health.*



## SECTION 1

### Vital Statistics for 1968

Area (land and inland water 4,499 acres, foreshore 2,321 acres)	6,820
Population at mid-1968 as estimated by Registrar General ...	59,980
Population at 1961 census ... ..	59,166
Population at 1951 census ... ..	58,362
Population at 1931 census ... ..	50,569
Number of inhabited houses at end of 1968 ... ..	18,140
Rateable value at 31st December, 1968 ... ..	£2,020,177
Sum represented by a penny rate ... ..	£7,960

	<i>Male</i>	<i>Female</i>	<i>Total</i>
<b>Live Births</b> —legitimate ... ..	445	412	857
—illegitimate ... ..	38	28	66
	<hr/>	<hr/>	<hr/>
	483	440	923
	<hr/>	<hr/>	<hr/>

Live birth rate per 1,000 population	
—unadjusted ... ..	15.6
—adjusted (area comparability factor 1.03)	16.1

The birth rate for England and Wales was ...	16.9
Illegitimate live births per cent of total live births ... ..	7.7

<b>Stillbirths</b> —legitimate ... ..	3	3	6
—illegitimate ... ..	—	1	1
	<hr/>	<hr/>	<hr/>
	3	4	7
	<hr/>	<hr/>	<hr/>

Stillbirth rate per 1,000 total live and stillbirths	8.0
The stillbirth rate for England and Wales was	14
Total live and stillbirths ... ..	930

<b>Deaths</b> ... ..	378	418	796
Death rate per 1,000 estimated population—			
—unadjusted ... ..			13.5
—adjusted (area comparability factor 0.97) ... ..			13.1

The death rate for England and Wales was ...	11.9
--	------

<b>Infant deaths</b> (deaths under one year)			
—legitimate ... ..	12	3	15
—illegitimate ... ..	—	1	1
	<hr/>	<hr/>	<hr/>
	12	4	16
	<hr/>	<hr/>	<hr/>

## Infant mortality rates :

—total infant deaths per 1,000 live births ... ..	17
—legitimate infant deaths per 1,000 legitimate live births	17.5
—illegitimate infant deaths per 1,000 illegitimate live births	15.1
The infant mortality rate for England and Wales was ... ..	18.3
Neo-natal mortality rate (deaths under 4 weeks per 1,000 total live births) ... ..	10
The neo-natal mortality rate for England and Wales was ...	12.4
Early neo-natal mortality rate (deaths under 1 week per 1,000 total live births) ... ..	8
Early neo-natal mortality rate for England & Wales was ...	10.6
Perinatal mortality rate (stillbirths and deaths under 1 week per 1,000 total live and stillbirths) ... ..	15
Perinatal mortality rate for England & Wales was ... ..	24.7
Maternal deaths (including abortion) ... ..	Nil
Maternal mortality rate per 1,000 total births ... ..	—
The maternal mortality rate for England and Wales was ...	0.24

## List of causes of Death during the year 1968

	Male	Female	Total
Syphilitic disease .....	1	1	2
Other infective and parasitic diseases .....	1	1	2
Malignant neoplasm, stomach .....	6	7	13
Malignant neoplasm, lung, bronchus .....	29	9	38
Malignant neoplasm, breast .....	—	18	18
Malignant neoplasm, uterus.....	—	4	4
Other malignant and lymphatic neoplasms .....	26	45	71
Leukaemia, aleukaemia .....	4	2	6
Diabetes .....	—	4	4
Cerebrovascular disease .....	38	76	114
Ischaemic heart disease .....	111	77	188
Hypertensive disease .....	10	11	21
Other heart disease .....	26	44	70
Other circulatory disease .....	11	24	35
Influenza .....	2	1	3
Pneumonia .....	23	29	52
Bronchitis .....	34	6	40
Other diseases of respiratory system .....	1	2	3
Ulcer of stomach and duodenum .....	3	3	6
Gastritis, enteritis and diarrhoea.....	1	—	1
Congenital malformations .....	4	3	7
Other defined and ill-defined diseases .....	25	36	61
Motor vehicle accidents .....	8	1	9
All other accidents .....	9	11	20
Suicide .....	1	1	2
All other external causes .....	4	2	6
	378	418	796

Causes of death of infants under one year of age

Cause of death	Age at death					Totals
	Under 1 day	1 day & less than 7 days	1 wk & less than 4 wks	4 wks & less than 6 mths	6 mths & less than 12 mths	
Pneumonia	—	—	—	4	—	4
Congenital malformations	1	2	1	1	—	5
Birth injuries	2	—	—	—	—	2
Enteritis	—	—	1	—	—	1
Other diseases peculiar to early infancy	2	—	—	—	—	2
All other causes	—	—	—	2	—	2
	5	2	2	7	—	16

Comparative statistics for selected years

	1900		1920		1940	1960	1967	1968
	Gt. Crosby	W'loo & Seaforth	Gt. Crosby	W'loo & Seaforth	Borough of Crosby			
Population ....	7,974	22,500	14,605	30,233	54,280	58,440	59,650	59,980
	30,	474	44,	838				
Births .....	156	575	280	723	830	1,052	973	923
	73	1	10	03				
Birth Rate .....	19.6	23.0	20.6	23.9	15.2	18.0	16.8	16.1
Deaths .....	100	305	133	421	752	777	785	796
	40	5	55	4				
Death Rate .....	12.6	12.2	9.8	14.1	13.8	13.0	12.5	13.1
Deaths of Infants Under 1 year of age .....	12	76	22	76	53	25	19	16
	8	8	9	8				
Deaths from : Diphtheria .....	—	3	1	8	7	—	—	—
Scarlet Fever ....	—	—	1	2	—	—	—	—
Cancer .....	?	5	17	45	92	144	145	144
Heart Disease ....	?	24	12	27	178	253	297	279
Pulmonary Tuberculosis....	?	24	11	18	29	9	5	3

## SECTION 2

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### Delegated Health and Welfare Services

As provided by the Local Government Act 1958, the Lancashire County Council delegated to the Borough of Crosby, commencing on the 1st September, 1960, the following functions :

National Health Service Act, 1946

Sections 21 Health Centres

22 Care of Mothers and Young Children

23 Midwifery

24 Health Visiting

25 Home Nursing

26 Vaccination and Immunisation

28 Prevention of Illness, Care and After Care  
(except the care or after-care in residential accommodation of persons suffering from mental illness)

29 Home Help Service

Mental Health Act, 1959

National Assistance Act, 1948, Sections 29 and 30

(Welfare of the Blind and Partially Sighted delegated on 1st April 1962)

### NATIONAL HEALTH SERVICE ACT 1946—SECTION 21

#### Health Centres

There are no Health Centres in the Borough and no proposals for the future.

### NATIONAL HEALTH SERVICE ACT 1946—SECTION 22

#### Care of Mothers and Young Children

**Ante-natal and Postnatal care.** The domiciliary midwives hold a weekly session at Prince Street Clinic, Waterloo, for the women they have booked for home confinement. The Assistant Medical Officer of Health who attends this clinic holds obstetrical qualifications. The reduced attendances, given in the table below, reflect the decreased number of home confinements attended by the midwives during 1968.



	1968	1967
No. of sessions	51	51
No. of individuals attending—ante-natal	88	120
—post-natal	—	—
No. of attendances—ante-natal	326	467
—post-natal	—	—

Relaxation, exercise and mothercraft classes are held under the supervision of one of the health visitors who is also a physiotherapist.

	1968	1967
No. of sessions	49	52
No. of individuals attending	84	89
No. of attendances	559	641

**Child Welfare Centres.** These centres are provided to which mothers can bring their babies and toddlers regularly for supervision and advice by the medical officer and the health visitor. Total attendances showed a decrease on the previous year and the average attendance per session fell from 45 to 43. 64 children were referred to specialists and 26 to the child's own general practitioner. Certain proprietary foods are on sale from the centres for expectant and nursing mothers requiring them for medical reasons and may be supplied on the recommendation of the medical officer or health visitor to mothers and children who attend regularly.

### Work done at the Child Welfare Centres

	No. of sessions	No. of individual children who attended and were born in :			No. of attendances by children at ages :			Average attendances by all children per session
		1968	1967	1966-1963	0-	1-	2-4	
Prince Street, Waterloo	99	163	145	133	1684	390	435	25
Alexandra Hall, Great Crosby	104	265	208	300	3743	937	1035	55
Seaforth Library, Seaforth	51	128	108	115	1677	382	431	49
All Saints, Crosby	100	187	165	196	2661	780	904	43
Totals	354	743	626	744	9765	2489	2805	43

**Welfare Food Service.** On behalf of the Ministry of Health, certain welfare foods viz : National Dried Milk, Orange Juice, Cod Liver Oil and Vitamin tablets, are distributed. Of the five centres, three are staffed by members of the Women's Royal Voluntary Service.

**Congenital Malformations.** At the end of 1963, the Chief Medical Officer of the Ministry of Health requested that as from 1st January, 1964., information be sent to the General Register Office where malformation had been observed at a child's birth. The object is to compile statistical information from which it should be possible to detect any national or regional changes in the pattern.

The 19 children notified in Crosby during 1968, an increase on the previous year of twelve, fell into the following groups:-

<i>Condition</i>						<i>Number</i>
Anencephalus	...	...	...	...	...	1
Encephalocele	...	...	...	...	...	1
Hydrocephalus	...	...	...	...	...	2
Spina bifida	...	...	...	...	...	3
Rectal and anal atresia	...	...	...	...	...	2
Defects of alimentary system	...	...	...	...	...	1
Congenital heart disease	...	...	...	...	...	2
Hypospadias, episadias	...	...	...	...	...	1
Talipes	...	...	...	...	...	6
Polydactyly	...	...	...	...	...	2
Mongolism	...	...	...	...	...	3
Vascular defects of skin	...	...	...	...	...	2
						<hr/> 26 <hr/>

It will be noted that some of the children were suffering from more than one malformation.

**Dental Treatment.** Dental treatment, including the supply and repair of dentures, is provided free to expectant and nursing mothers and children under five years of age. Clinics are held at Prince Street and Alexandra Hall. Treatment was given to 114 patients compared to 125 the previous year.



## Work of the Dental Officers

					<i>Infants not yet attending school</i>	<i>Expectant and nursing mothers</i>
No. examined ...	...	...	...	...	100	14
No. needing treatment		...	...	...	75	14
No. treated ...	...	...	...	...	90	24
No. of individuals actually treated who were rendered dentally fit		...	...	...	65	13
No. of attendances for treatment			...	...	143	82
No. of extractions	...	...	...	...	128	37
No. of general anaesthetics administered				...	54	7
No. of fillings	...	...	...	...	55	29
No. of other treatments		...	...	...	28	12
No. of patients X-rayed		...	...	...	—	1
No. of dentures provided—complete				...	—	4
			partial	...	—	1

**Ascertainment of Deafness in Young Children.** In view of the importance of diagnosing deafness at a very early age, all the health visitors have received special training and carry out screening tests of hearing on young children either at the child welfare centres or in the homes of the children. Cases requiring further investigation are sent to special clinics at Fulwood, Nr. Preston, or in Liverpool.

## HEARING TESTS

	<i>" At risk " groups</i>						<i>Others</i>					
	<i>Ages of children</i>					<i>Total</i>	<i>Ages of children</i>					<i>Total</i>
	0—	1—	2—	3—	4—	<i>No. of tests</i>	0—	1—	2—	3—	4—	<i>No. of tests</i>
No. of first tests	138	12	—	—	1	151	337	59	2	—	1	399
No. of second tests	2	4	1	—	—	7	—	1	1	—	1	3
No. of children who failed two tests	—	—	—	—	—		—	—	—	—	—	

**Phenylketonuria.** A severe degree of mental deficiency is associated with a high concentration of phenylamine in the blood and it is important that this be detected as early as possible in order to start dietary treatment. The health visitors make a simple urine test of babies aged between 10-14 days and repeated at 4-6 weeks and in 1968, 835 tests were made in the first age group and 744 in the second. No child was found to be positive.

In addition to these tests, and in co-operation with the Consultant Paediatrician at Alder Hey Hospital, "Guthrie" tests have been carried out on all babies born since 17th March, 1964.

**Premature Infants.** Premature infants are those who weigh  $5\frac{1}{2}$  lbs. or less at birth. Health visitors are required to give priority to the visiting of such cases and to work in close co-operation with the midwife in attendance where the confinement takes place at home. Special cots, feeders and hot-water bottles are supplied on loan where necessary. The following table gives details of the 61 premature live births and 4 premature stillbirths, which occurred :

No. of premature live births :				No. of premature stillbirths :			
(a)	in hospital	...	49	(a)	in hospital	...	4
(b)	at home	...	3	(b)	at home	...	—
(c)	in private nursing homes	...	9	(c)	in private nursing homes	...	—
			<hr/>				<hr/>
Total			61	Total			4
			<hr/>				<hr/>

Premature live births												Premature stillbirths	
Weight at birth	Born in hospital				Born at home or in a nursing home				Born				
	Total births	Died			Total births	Died			Transferred to hospital on or before 28th day			In hospital	At home or in a nursing home
		Within 24 hours of birth	In 1 and under 7 days	In 7 and under 28 days		Within 24 hours of birth	In 1 and under 7 days	In 7 and under 28 days	Total births				
									Total births				
									Total births				
2lb. 3ozs. or less	3	3	—	—	—	—	—	—	—	—	1	—	
Over 2lb. 3ozs. up to and incl.	5	—	1	—	—	—	—	—	—	—	2	—	
3lb. 4ozs. Over 3lb. 4ozs. up to and incl.	11	—	—	—	—	—	—	—	—	—	—	—	
4lb. 6ozs. Over 4lb. 6ozs. up to and incl.	14	—	—	1	—	—	—	—	—	—	—	—	
5lb. 8ozs.	28	—	—	—	—	—	—	—	—	—	1	—	
Totals	49	3	1	1	11	—	—	—	1	—	4	—	

**Care of Unmarried Mothers and their Children.** The health visitors keep a careful watch on the children of unmarried mothers and work in close co-operation with the officers of the Children's Department and with moral welfare workers. Grants are made to Voluntary Associations whose workers are active in the area and financial assistance was given to nine unmarried mothers who applied for admission to mother and baby homes, one less than the previous year.

**Family Planning Clinics.** Women who, for medical reasons and in the interests of their health, require advice on birth control may be referred to a Family Planning Clinic.

**Maternity Outfits.** Maternity outfits are provided free for patients attended by the domiciliary midwives.

**Day Nurseries.** There are no day nurseries in the Borough.

## NATIONAL HEALTH SERVICE ACT 1946—SECTION 23

**Midwifery.** The domiciliary midwifery scheme provides for the employment of whole-time midwives who attend the confinements of patients in their own homes. The midwives are provided with pool cars or given an allowance to run their own cars. They made 4,681 visits, showing a decrease on the number for 1967 which was 5,014 visits. The total number of home confinements attended by the midwives decreased from 113 in 1967 to 90 in 1968.

### Roll of Midwives at 31st December 1968

	<i>Total No.</i>	<i>No. qualified to administer inhalational analgesics</i>
Local Health Authority Midwives	3	3
Midwives in Nursing homes	5	5

### Confinements attended

	<i>Confinements</i>
Local Health Authority Midwives	90
Midwives in Nursing homes	321

Of the 76 confinements attended by the local authority midwives where analgesics were administered, 54 were given Trilene and 22 were given Nitrous Oxide and Oxygen.

The number of women discharged early from the maternity hospitals to the care of the domiciliary midwives was 839 (against 587 in 1967), 2,371 visits being paid to such cases compared with 1,841 the previous year.



**NATIONAL HEALTH SERVICE ACT 1946—SECTION 24**

**Health Visiting.** Health Visitors have nursing and midwifery qualifications in addition to possessing the health visitors certificate. They are specially trained to deal with social problems and frequently act as the link between the family and various statutory and voluntary social services available to them. While health visitors are concerned with all classes of the community needing advice, particular attention is given to the care of infants and young children, the aged and the handicapped. Visits during the year totalled 20,852 against 20,033 visits during the previous year.

**Persons or households visited**

(1) Total number of cases	...	...	...	...	...	6,437
(2) Children born in—1968	...	...	...	...	...	1,010
(3) —1967	...	...	...	...	...	1,040
(4) —1966/63	...	...	...	...	...	3,457
(5) Total number of children in (2) to (4) above	...	...	...	...	...	5,507
(6) Persons aged 65 or over	...	...	...	...	...	646
(7) Number included in (6) who were visited at the special request of a G.P. or hospital	...	...	...	...	...	17
(8) Mentally disordered persons	...	...	...	...	...	11
(9) Number included in (8) who were visited at the special request of a G.P. or hospital	...	...	...	...	...	2
(10) Persons discharged from hospital, other than mental hospitals and excluding maternity cases	...	...	...	...	...	16
(11) Number included in (10) who were visited at the special request of a G.P. or hospital	...	...	...	...	...	5
(12) Number of tuberculous households visited by health visitors	...	...	...	...	...	7
(13) Number of tuberculous households visited by tuberculosis visitors	...	...	...	...	...	156
(14) Number of households visited on account of other infectious diseases	...	...	...	...	...	3
(15) Other cases	...	...	...	...	...	186

**Visits paid**

Expectant mothers	...	...	...	...	...	185
Children under 5 years	...	...	...	...	...	14,396
Adults (excluding expectant mothers and tuberculosis)						
—under 65 years	...	...	...	...	...	305
—65 and over	...	...	...	...	...	1,229
Tuberculosis—Cases—under 65 years	...	...	...	...	...	569
—65 and over	...	...	...	...	...	66
—Contacts—under 65 years	...	...	...	...	...	735
—65 and over...	...	...	...	...	...	5
Others	...	...	...	...	...	1,342
Ineffective visits	...	...	...	...	...	2,020

**NATIONAL HEALTH SERVICE ACT 1946—SECTION 25**

**Home Nursing.** The district nurses are engaged in the attendance on persons who require nursing care in their own homes. They work in close co-operation with the general medical practitioners. The 1,179 cases attended during 1968 compares with 1,084 cases attended during 1967. Visits paid increased from 39,714 to 41,817.

**General nursing cases attended**

No. on registers at 1st January 1968	...	...	406
New cases attended	...	...	773
		Total	1,179
No. of cases completed	...	...	771
No. on registers at 31st December 1968	...		408

**Visits paid during period**

To general cases on registers	...	...	38,467
Casual advisory visits	...	...	3,352
			41,817

**Analysis of 635 completed cases**

(a) by sex and age group :

	0-4	5-14	15-44	45-64	65+	Totals
Male ...	9	2	21	52	107	191
Female ...	3	2	65	92	282	444

(b) by agency of reference :

Services of nurse requested by	Number	Per cent
—general practitioner	517	81.4
—hospital	99	15.6
—P.H. Authority	5	0.8
—direct	11	1.7
—other	3	0.5



## (c) disposal of cases :

			<i>Number</i>		<i>Per cent</i>
Recovered, relieved, etc....	...	...	...	323	50.9
Admitted to hospital	...	...	...	156	24.6
Died	...	...	...	108	17.0
Gone away	...	...	...	26	4.1
Out-patient X-ray etc.	...	...	...	3	0.5
Nurse withdrawn...	...	...	...	17	2.7
Other	...	...	...	2	0.3

## (d) By disease or ailment and duration of treatment.

Disease or Ailment	DURATION OF TREATMENTS					
	Total No. of cases	Length of Treatment (days)	Average duration of treatment (weeks)	Total visits	Average No. of visits	Average No. of visits per case per week
Tuberculosis of respiratory system	8	241	4.3	208	26.0	6.0
Other infective and parasitic diseases	13	332	3.6	172	13.2	3.6
Cancer	54	4415	11.7	2853	52.8	4.5
Diabetes	12	3780	45.0	1647	137.3	3.1
Anaemias and other blood diseases	60	23795	56.7	3499	58.3	1.0
Mental, psychoneurotic disorders	3	1152	54.9	54	18.0	.3
Cerebral haemorrhage, cerebral embolism and thrombosis	24	4735	28.2	1401	58.4	2.1
Other diseases of central nervous system	30	7178	34.2	2087	69.6	2.0
Diseases of eye, ear and mastoid process	12	417	5.0	311	25.9	5.2
Diseases of heart and circulatory system	41	6346	22.1	1427	34.9	1.6
Influenza	2	69	5.0	27	13.5	2.7
Pneumonia	9	173	2.7	143	15.9	5.8
Bronchitis	19	926	7.0	319	16.8	2.4
Other diseases of respiratory system	10	855	12.2	180	18.0	1.5
Diseases of digestive system	82	3307	5.8	1567	19.1	3.3
Diseases of genito-urinary system	33	1931	8.4	549	16.6	2.0
Diseases of the skin	44	6939	22.5	2687	61.1	2.7
Diseases of bones and organs of movement (including rheumatism and arthritis)	30	8713	41.5	1346	44.9	1.1
Senility and ill-defined conditions	109	20021	26.2	5416	49.7	1.9
Burns and scalds	6	470	11.2	176	29.3	2.6
Other accidents, injuries, etc.	19	807	6.1	238	12.5	2.1
All other conditions	15	688	6.6	385	25.7	3.9
TOTALS	635	97288	21.9	26696	42.0	1.9

## NATIONAL HEALTH SERVICE ACT 1946—SECTION 26

### Vaccination and Immunisation

**Vaccination against Smallpox.**—facilities are provided for the free vaccination of any person desiring it either at the clinics or by general practitioners. Twenty-seven general practitioners were taking part in these arrangements at the end of the year. Supplies of vaccine lymph are obtained in bulk through the Public Health Laboratory Service and distributed from the Health Department to general practitioners and the clinics.

#### No. of vaccinations performed

	<i>At clinics</i>		<i>By general practitioners</i>		<i>Total</i>	
	Age in years		Age in years		Age in years	
	0-4	5-15	0-4	5-15	0-4	5-15
Primary vaccination	272	9	169	6	441	15
Re-vaccination	3	9	1	5	4	14

### Immunisation against Diphtheria, Whooping Cough, Tetanus and Poliomyelitis—

Immunisation against diphtheria, whooping cough and tetanus can be given as a “triple” vaccine, or a “combined” vaccine against diphtheria and whooping cough or tetanus or a “single” vaccine against diphtheria alone. Vaccination against poliomyelitis is offered free to all persons between the ages of six months and forty years. In addition, doctors and their families, hospital workers, expectant mothers, persons going to visit and reside outside Europe, Canada or America, dental surgeons and their staffs and families, nurses and public health staffs and their families, are also eligible for vaccination. As with smallpox vaccination immunisations are provided either at the clinics or by general practitioners.

In February 1968, the Ministry of Health announced that vaccination against measles would be available to all susceptible children up to and including the age of 15 years. The scheme commenced in May 1968, although for the first three months this was restricted to children between four and seven years of age until sufficient supplies of vaccine were received.

## Children protected

Protection given against		<i>Year of birth</i>			Totals
		1968/ 65	1964/ 61	Others under 16	
Diphtheria	P.	682	63	19	764
	R.	237	474	131	842
Whooping cough	P.	667	53	10	730
	R.	213	95	21	329
Tetanus	P.	682	63	21	766
	R.	237	473	133	843
Poliomyelitis	P.	798	84	20	902
	R.	215	484	161	860
Measles	P.	532	554	35	1121

P—primary immunisation.

R—reinforcement injection.

## NATIONAL HEALTH SERVICE ACT 1946—SECTION 28

### Prevention of Illness, Care and After-care

**Tuberculosis.** The treatment of tuberculosis is the responsibility of the Liverpool Regional Hospital Board but Tuberculosis Visitors, employed by the County Council, are engaged in the domiciliary visiting of notified cases of tuberculosis and contacts, working in close co-operation with the chest physician whose clinic they attend regularly. Extra nourishment may be provided in certain circumstances where this is recommended by the chest physician. Garden shelters and medical requisites may be loaned to tuberculous patients. Financial responsibility may be accepted for maintenance in special residential training centres.

In accordance with the Public Health (Tuberculosis) Regulations 1952, 19 new cases were registered during the year compared with 22 the previous year. Of these 18 were pulmonary and 1 non-pulmonary. No deaths from tuberculosis were recorded.

**B.C.G. Vaccination.** The B.C.G. vaccination scheme offers vaccination against tuberculosis where appropriate, to school children from approximately 10 years of age up to school leaving age, including students attending universities, teacher training colleges, technical colleges and other further education establishments. The Medical Officers receive special training in B.C.G. vaccination technique. 166 persons were vaccinated in 1968, by the Chest Physician at the Chest Clinic, and eleven schools were completed by the School Medical Officers.

#### (a) Vaccinations by the Chest Physician

	<i>Under 2 years of age</i>	<i>2 &amp; under 5 years of age</i>	<i>5 &amp; under 15 years of age</i>	<i>15 years of age &amp; over</i>
No. of persons tested	21	21	106	18
No. found positive	—	—	—	—
No. found negative	21	21	106	18
No. of persons vaccinated	21	21	106	18

#### (b) Vaccination of School leavers

	1967	1968
No. of schools completed ... ..	11	11
No. of consent forms sent to parents ... ..	1015	1080
No. returned—refused ... ..	135	125
—consented ... ..	810	908
No. found positive ... ..	138	102
No. found negative ... ..	614	658
No. of children vaccinated ... ..	590	632



**Cervical Cytology.** A total of 418 women were examined at the cervical cytology clinic held at Prince Street and while 26 of these women were referred to their general practitioners for other conditions, only one gave a possible positive result to the smear test for cervical cancer.

**Health Education.** The staff of the Health Department, and the health visitors in particular, are all continuously engaged in health education. Activities include talks on health matters to the mothers attending the clinics, women's organisations and other associations, supported on occasion by the showing of films. Booklets and leaflets have been distributed, including a new edition of a Health Services Handbook produced by the Health Education Section of the Lancashire County Health Department and giving details of the various health services provided in the Borough.

**Convalescent Care.** Convalescent Home care is arranged in suitable cases on the recommendation of a general practitioner, the applicants paying the whole or part of the cost according to their financial means. Two applicants (one male and one female) were assisted during the year, three less than in the previous year.

**Mothercraft Training.** Residential training may be arranged in appropriate cases for mothers who can be accompanied by their children. In the main, these are problem families or potential problem families. A charge is made, according to means.

**Loan of Nursing Equipment.** Articles of nursing equipment are available on loan to patients who are confined or nursed at home. Items of equipment available include : air rings, beds, mattresses, bed-rests, invalid chairs, walking aids, bed pans, commodes, draw sheets and urinals. There is no charge for this service.

**Chiropody Service.** This free service is limited to the aged, the physically handicapped and expectant mothers. Two sessions per week are held at the School Clinic, Seaforth, four at the School Clinic, Waterloo and one at the Community Centre on Brownmoor Estate. The chiropodists are full-time employees on loan from Health Division No. 7 but the organising of the clinics is done by the Crosby Old People's Welfare Committee. The number of individuals treated in 1968 was 806 compared with 756 in 1967 and the number of treatments given was 2,967 compared with 2,533 the previous year.

**Work done at the Chiropody Clinics**

<i>No. of clinics operating at yr. end</i>	<i>Total No. of clinic sessions held</i>	<i>No. of treatments given to patients</i>			<i>No. of individuals treated</i>		
		<i>In clinics</i>	<i>At home</i>	<i>Total</i>	<i>In clinics</i>	<i>At home</i>	<i>Total</i>
3	369	2873	94	2967	768	38	806

All the patients treated were in the category "aged", except for four handicapped persons and three expectant mothers who received 10 treatments.

## NATIONAL HEALTH SERVICE ACT 1946—SECTION 29

### Home Help Service.

The services of a home help are available to expectant mothers, families deprived of the mother's care by sudden illness or removal to hospital, sick or aged persons living alone who are unable to look after themselves and have no relative to care for them. The home help manages the home in the absence of the mother, keeps the house clean, shops, prepares and cooks meals, cares for the children and does the washing and mending. A charge is made according to means. 53 part-time home helps were employed at 31st December, 1968.

						Cases attended during	
						1968	1967
Special cases	...	...	...	...	...	1	—
Confinement—at home	...	...	...	...	...	7	15
—away from home	...	...	...	...	...	15	11
Tuberculosis—aged 65 or over	...	...	...	...	...	1	—
—aged under 65	...	...	...	...	...	—	2
Mentally disordered—aged under 65	...	...	...	...	...	2	2
Chronic sick—aged under 65	...	...	...	...	...	49	52
—aged and infirm (65 or over)	...	...	...	...	...	465	450
All other cases—aged 65 or over	...	...	...	...	...	12	18
—aged under 65	...	...	...	...	...	40	42
						592	592

## NATIONAL HEALTH SERVICE ACT 1946—SECTIONS 28 & 51 AND THE MENTAL HEALTH ACT 1959.

**Mental Health Services.** The Mental Health Act 1959 came into operation on the 1st November 1960, repealing the Mental Deficiency and Lunacy Acts. The new Act envisages a fresh approach to the problem of mental illness, admissions to hospital for treatment to be an informal arrangement through psychiatric out-patient clinics just as in other illnesses. Compulsory emergency admissions, instead of being dealt with through a magistrate as under the old legislation, will be arranged by doctors. The Mental Welfare Officers undertake the care and after-care of patients who no longer need hospital treatment, making regular visits to offer help and guidance. They work in close co-operation with the psychiatric clinic staff. The part-time services of the Mental Welfare Officers are made available from Lancashire Health Division No. 7. Convalescent patients can meet on one night a week at the Training Centre at a club organised by the Mental Welfare Officers.

**Training Centre.** The Waterloo Training Centre for mentally sub-normal children has not been delegated and is still administered by the Lancashire Health Division No. 7.

**Residential Accommodation.** Residential accommodation for the mentally disordered has not been delegated by the County Council.

**Guardianship.** The authority may accept the duties of guardianship.





**Work of the Mental Welfare Officers**

	<i>No of cases</i>	<i>No. of visits</i>
(a) Informal admissions to hospitals ... ..	141	177
(b) (i) Admissions for observation (Section 25)	19	27
(ii) Admissions for treatment (Section 26)	10	15
(iii) Emergency admission (Section 29) ...	24	38
(c) Prevention, Care and After-care—Home visits to		
(i) Mentally subnormal (including severely subnormal) ... ..	225	310
(ii) Psychopathic and mentally ill ... ..	803	1033
(d) Other visits ... ..	59	61

**NATIONAL ASSISTANCE ACT 1948—SECTIONS 29 & 30**

**Welfare Services for the Blind and Partially Sighted.** The administration of this service was delegated to the Council from the Lancashire County Council on the 1st April, 1962. The day-to-day supervision of the service continued with the Liverpool Home Teaching Society for the Blind but is transferred back as from 1st January 1969. Blind persons newly registered during the year totalled 11 and of these 2 were in the age group 50-59, 2 between 60-64 and the remaining 7 were over 70 years. Of the 13 newly registered partially sighted, 1 was in the age group 5-15, 1 between 50-64 and the remaining 11 were over 65 years.

**Registered blind persons as at 31.12.68**

<i>Age Group</i>			
<i>Years</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
0—4	—	—	—
5—15	3	1	4
16—20	—	—	—
21—49	6	3	9
50—64	12	12	24
65 and over	17	60	77
	<hr/> 38	<hr/> 76	<hr/> 114

**Registered partially sighted persons as at 31.12.68**

<i>Age group</i>			
<i>Years</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
0—4	—	—	—
5—15	4	1	5
16—20	1	—	1
21—49	4	2	6
50—64	2	3	5
65 and over	7	24	31
	<hr/> 18	<hr/> 30	<hr/> 48

A handicraft centre is organised at St. Andrew's Church Hall, Waterloo, each Wednesday morning and afternoon and a social centre at Linacre Mission, Litherland, is open each Tuesday afternoon.

At the end of the year, 28 blind and 3 partially sighted persons possessed talking book machines.

**Welfare Services for the Handicapped (other than the blind and partially sighted).** It is the duty of the Council to arrange for social workers to advise handicapped persons how best to obtain any available assistance of which they may be in need and to assist them to overcome the effects of their disabilities. The assistance of Voluntary Organisations in domiciliary visiting is welcomed. Financial help may be given for works of adaptation in the home and the provision of special equipment to mitigate the effect of disability. Facilities are available for the tuition and practice of handicrafts. Welfare Services for the Deaf and Hard of Hearing have not been delegated from the County Council.

Of the 64 men and 81 women on the register of handicapped persons at the end of the year, nine were employed in open industry, one in a sheltered workshop, one in an outwork centre and one at home. The number who were incapable of work was 24.

The Occupational Therapist made 236 visits to 27 handicapped persons.

Financial assistance was given in eight cases for adaptations at the homes of handicapped persons to provide greater comfort or convenience and a further two cases to enable the Ministry of Health to supply a vehicle.

The County Council arranged for a party of handicapped persons to go on holiday to a holiday camp during the early summer and 7 people from Crosby were included in the party. Three were sent on holiday to holiday homes.

**Nurseries and Child Minders Regulations Act, 1948**

This Act requires that Registers should be kept of:-

- (a) Premises where children are received to be looked after.
- (b) Persons who for reward receive into their homes children under the age of 5 to be looked after.

From the 1st November, 1968, the Council's powers have been extended by the Health Services and Public Health Act, 1968, to enable registration to be refused on grounds of unsatisfactory premises, equipment or persons. The Council have a duty to arrange inspection and to lay down numbers of children and staff. The penalties for non-registration have been increased.

Two child minders and three play groups were registered at the end of the year. However, a substantial increase is expected during the next year.

**Medical Examinations**

The medical staff carried out medical examinations for a variety of purposes as the table below indicates :—

Fitness for employment	...	...	...	...	22
Children in care of the Children's Committee	...	...	...	...	9
Entry to Teachers Training Colleges	...	...	...	...	122
Entrants to teaching profession	...	...	...	...	5



## SECTION 3

## INSPECTION AND SUPERVISION OF FOOD

During the year 185 samples of food and drugs were purchased and submitted for analysis. 62 were formal and 123 were informal samples. Full details are given in the following table.

Article	No. examined			No. adulterated or otherwise giving rise to irregularity			No. of Vendors Warned	Informations laid
	Formal	Informal	Total	Formal	Informal	Total		
Aspirin	—	3	3	—	—	—	—	—
Asparagus in cheese sauce	—	1	1	—	—	—	—	—
Beef, canned with vegetables	—	1	1	—	—	—	—	—
Beef, corned	—	3	3	—	—	—	—	—
Biscuits, lemon crackers	—	1	1	—	—	—	—	—
Biscuits, cream filled chocolate	—	1	1	—	—	—	—	—
Biscuits, fruit sandwich	—	1	1	—	—	—	—	—
Biscuits, starch reduced crisp bread	—	1	1	—	—	—	—	—
Biscuits, toasted cheese	—	1	1	—	—	—	—	—
Blackcurrant Crumble	—	1	1	—	—	—	—	—
Black Cherry preserve	—	2	2	—	—	—	—	—
Bone & Vegetable baby food	—	1	1	—	—	—	—	—
Brie soft cheese	—	1	1	—	—	—	—	—
Butter	—	1	1	—	—	—	—	—
Butterscotch	—	1	1	—	—	—	—	—
Celery Salt	—	1	1	—	—	—	—	—
Cheese, with Beer	—	1	1	—	—	—	—	—
Cheese, dried, grated	—	1	1	—	—	—	—	—
Chicken Stock tablets	—	1	1	—	—	—	—	—
Cooking Oil	—	1	1	—	—	—	—	—
Cough Syrup	—	2	2	—	—	—	—	—
Crab Meat	—	3	3	—	—	—	—	—
Custard	—	2	2	—	—	—	—	—
Dessert, Family	—	1	1	—	—	—	—	—
Dessert, Orange	—	1	1	—	—	—	—	—
Dessert, Strawberry	—	1	1	—	—	—	—	—
Dessert, Vanilla	—	1	1	—	—	—	—	—
Drink, Apple	—	2	2	—	—	—	—	—
Drink, Lemon Tea	—	1	1	—	—	—	—	—
Drink, Lemonade, low calorie	—	1	1	—	—	—	—	—
Drink, Pineapple and Grapefruit	—	1	1	—	—	—	—	—
Energy Confectionery	1	1	2	1	1	2	1	—
Ginger Beer	—	1	1	—	—	—	—	—
Herbal Indigestion mixture	—	1	1	—	1	1	1	—
Herbal Tranquilliser Tablets	—	1	1	—	—	—	—	—
Herrings in Tomato Sauce	—	1	1	—	—	—	—	—
Hot Dog Sausages	—	1	1	—	—	—	—	—
Irish Stew	—	1	1	—	—	—	—	—
Carried forward	1	48	49	1	2	3	2	—

Article	No. examined			No. adulterated or otherwise giving rise to irregularity			No. of Vendors Warned	Inform- ations laid
	Formal	Informal	Total	Formal	Informal	Total		
Brought forward	1	48	49	1	2	3	2	—
Lamb Chops and sausages with beans in tomato	—	1	1	—	—	—	—	—
Lamb Stew	—	1	1	—	—	—	—	—
Lamb and vegetables, strained	—	1	1	—	—	—	—	—
Lancashire Hot Pot canned	—	1	1	—	—	—	—	—
Luncheon Meat, pork	—	3	3	—	—	—	—	—
Macaroni and Ham Tivoli	—	1	1	—	—	—	—	—
Malt Vinegar	—	1	1	—	—	—	—	—
Malted Milk Powder	—	1	1	—	—	—	—	—
Margerine	—	1	1	—	—	—	—	—
Milk	60	—	60	—	—	—	—	—
Milk, Dried, skimmed	—	1	1	—	—	—	—	—
Milk, plant	—	1	1	—	—	—	—	—
Onion, dried, sliced	—	2	2	—	—	—	—	—
Party Dip	—	1	1	—	1	1	1	—
Peas, garden, canned	—	1	1	—	—	—	—	—
Pickle, sweet	—	1	1	—	—	—	—	—
Pie, Blackcurrant	—	1	1	—	—	—	—	—
Pie, Steak & Kidney	1	1	2	1	1	2	1	—
Porridge, Instant	—	1	1	—	—	—	—	—
Potato, Dehydrated	—	2	2	—	—	—	—	—
Radnorshire Honey	—	2	2	—	—	—	—	—
Rheumatic Blood Salt	—	1	1	—	—	—	—	—
Rice	—	1	1	—	—	—	—	—
Rose Hip Syrup	—	1	1	—	—	—	—	—
Salmon, pink	—	2	2	—	—	—	—	—
Sal Volatole	—	1	1	—	1	1	1	—
Sardine and tomato grill	—	1	1	—	—	—	—	—
Sauce, Apple, canned	—	1	1	—	—	—	—	—
Sauce, Mix, Curry	—	2	2	—	—	—	—	—
Sauce, Horse Radish	—	1	1	—	—	—	—	—
Sauce, Sweet & Sour	—	1	1	—	—	—	—	—
Sauce, Tomato & Ham	—	1	1	—	—	—	—	—
Seafood, dressing	—	1	1	—	—	—	—	—
Soup, Beef and Liver	—	1	1	—	—	—	—	—
Soup, Mulligatawny	—	1	1	—	—	—	—	—
Soup, Cream of Scampi	—	1	1	—	—	—	—	—
Soup, Cream of Vichyssoise	—	1	1	—	—	—	—	—
Soup, Vegetable	—	1	1	—	—	—	—	—
Special mixture for Arthritis	—	1	1	—	—	—	—	—
Sponge Cake	—	1	1	—	—	—	—	—
Spread, Cheese and Mushroom	—	1	1	—	—	—	—	—
Spread, Chicken	—	1	1	—	—	—	—	—
Spread, Ham, Smoked	—	1	1	—	—	—	—	—
Spread, Liver & Bacon	—	1	1	—	—	—	—	—
Spread, Liver Sausage	—	1	1	—	—	—	—	—
Carried forward	62	99	161	2	5	7	5	—

Article	No. examined			No. adulterated or otherwise giving rise to irregularity			No. of Vendors Warned	Inform- ations laid
	Formal	Informal	Total	Formal	Informal	Total		
Brought forward	62	99	161	2	5	7	5	—
Steak, braised, canned	—	1	1	—	—	—	—	—
Steak, stewed, canned	—	1	1	—	—	—	—	—
Steak and Vegetables	—	1	1	—	—	—	—	—
Strawberry Jam	—	1	1	—	1	1	—	—
Sweeteners—Sugar Free	—	3	3	—	—	—	—	—
Sweet Corn with red and green peppers	—	1	1	—	—	—	—	—
Sweet Corn	—	1	1	—	—	—	—	—
Tablets—Edible Bone Meal	—	1	1	—	—	—	—	—
Tablets—Vitamin E	—	1	1	—	—	—	—	—
Tea	—	1	1	—	—	—	—	—
Tongues—Lambs	—	1	1	—	—	—	—	—
Tuna Fish—fancy, canned	—	2	2	—	—	—	—	—
Vegetables, dried mixed	—	1	1	—	—	—	—	—
Vegetable, beef and bone dinner	—	1	1	—	—	—	—	—
Veal and ham, canned	—	2	2	—	—	—	—	—
West End Grill, canned	—	1	1	—	—	—	—	—
Wild Duck Consomme, canned	—	1	1	—	—	—	—	—
Yoghurt, plain	—	1	1	—	—	—	—	—
Yoghurt, low fat	—	1	1	—	—	—	—	—
Yoghurt, strawberry flavour	—	1	1	—	—	—	—	—
TOTALS	62	123	185	2	6	8	5	—



Of the 185 samples taken and submitted for analysis, 8 (or 4.3% of the total) were reported as falling short of the required standard composition, as being definitely adulterated or giving rise to irregularities. Details of these are set out in the following table:—

Serial No.	Article	Type of sample	Nature of adulteration or irregularity	Observations
25	Steak and kidney pie	Informal	Deficient in meat and kidney	Communicated with manufacturer
33	Steak and kidney pie	Formal	Deficient in kidney	Communicated with manufacturer—Deficiency too small to justify proceedings.
47	Sal Volatile	Informal	Deficient in ammonia	Communicated with Vendor
62	Herbal Indigestion mixture	Informal	Deficient in Alcohol	Communicated with manufacturer
77	Party Dip	Informal	Contained Preservative	Communicated with manufacturer
135	Strawberry Jam	Informal	Deficient in soluble solids	In view of excellent quality and small deficiency no action taken.
123	Energy confectionery	Informal	Misleading Label	Formal sample obtained
140	Energy confectionery	Formal	Misleading Label	Stocks withdrawn for re-labelling

## LANCASHIRE COUNTY COUNCIL (GENERAL POWERS) ACT 1951.

Section 14 of this Act, which has been adopted by the Corporation, provides for the registration of hawkers of food and premises used by them for storage. These premises are regularly inspected, and all practicable control is exercised over the hawkers themselves.

### ICE CREAM.

All premises at which ice-cream is manufactured or sold were regularly inspected, 153 visits being made during the year.

In addition, 78 samples were taken for bacteriological examination. Samples were submitted to a methylene blue reduction test, and divided into four grades, in accordance with a provisional grading system recommended by the Ministry of Health. As a working basis, the Ministry have suggested that 50% of the samples from any one source should fall into grade 1, 80% into grades 1 and 2, and none into grade 4. No claims for the infallibility of this test are made by the Ministry, but it forms a useful adjunct to regular inspection, and helps the Public Health Inspectors to concentrate their efforts on endeavouring to improve the technique of the less satisfactory producers and retailers.

When sampling ice-cream it is the Public Health Inspectors' practice to devote special attention to the less satisfactory sources of supply, and to take immediate 'repeat' samples when the original sample is placed in grade 3 or 4.

72 samples were submitted to the 'methylene blue' test and of these 34 were placed in grade one, 27 in grade two, 10 in grade three and 1 in grade four.

### MEAT AND OTHER FOODS

The inspection of food premises is carried out by the Public Health Inspectors, all of whom possess the necessary qualifications. Shops, vehicles and premises where food is prepared, stored, conveyed or sold are kept under constant supervision.

In carrying out this work the following inspections were made :—

Butchers' Shops, 109 inspections.

Other Food Shops, Vehicles and Premises, 1,072 inspections.

MILK SUPPLY

Under the Milk (Special Designation) Regulations, 1963-5, the number of dealers' licences in force at the end of the year was :-

Pre-packed milk—95                      Untreated milk—15

The number of dealers authorised to deal in milk of the following designations was :-

Untreated—15              Pasteurised—94              Sterilised—82  
Ultra Heat Treated—2

Visits of inspection made during the year numbered 253.

CLEANLINESS OF MILK SUPPLY.

The standard of cleanliness adopted by the Corporation is that prescribed by the Ministry. 109 samples of milk were submitted for bacteriological examination during the year, and of these 103, or 95·3 per cent, reached the required standard of cleanliness.

Particulars of samples failing to reach the required standard were forwarded to the Chief Milk Production Officer to the Lancashire Agricultural Executive Committee, and where the sample had been obtained from local dairymen, the dairies were specially visited also.

The table below gives in detail the results of all samples taken during the year :—

Total Number of Samples	Grade of Milk Sampled		
	Untreated	Pasteurised	Sterilized
109	—	88	21

Results	Number of samples submitted to test	Number satisfactory	Number unsatisfactory	Number void
Methylene Blue Test	88	82	4	2
Phosphatase Test	88	88	—	—
Turbidity Test	21	21	—	—
Inoculation Test	—	—	—	—
Brucellosis-Ring Test	—	—	—	—

### UNSOUND FOOD.

During the year the undermentioned quantities of food were found to be unfit for human consumption and were voluntarily surrendered.

Meat, tins or packets	...	...	...	1742 lbs. 8½ ozs.
Fruit, tins or packets	...	...	...	1993 lbs. 13 ozs.
Vegetables, tins or packets	...	...	...	2842 lbs. 11 ozs.
Fish, tins or packets	...	...	...	357 lbs. 4 ozs.
Soup	...	...	...	19 lbs. 2 ozs.
Milk and cream...	...	...	...	14 pints.
Beverages	...	...	...	11½ gallons.
Preserves	...	...	...	250 lbs. 13 ozs.
Miscellaneous	...	...	...	382 lbs. 15 ozs.

### BAKEHOUSES.

At the end of 1968 there were 13 bakehouses in the Borough. All bakehouses were inspected, and generally found to be maintained in a clean and satisfactory condition, 36 visits being made during the year.

In several instances bakehouses were noticed to be in need of cleansing and limewashing, and on notifying the occupier the matter was promptly remedied. Various minor defects were noted and on intimation were subsequently rectified.

There are no basement bakehouses in the Borough.

### FOOD HYGIENE REGULATIONS.

The requirements of the Regulations were generally well observed. Minor infringements were rectified upon request, and no prosecutions were necessary.



SECTION 4

Prevalence and Control of Infectious Diseases.

Table of Infectious Diseases Notified during 1968.

Notifiable Diseases	Number of cases notified	Age Groups									Total deaths
		Under 1 yr.	1-2 yrs.	3-4 yrs.	5-9 yrs.	10-14 yrs.	15-24 yrs.	25-44 yrs.	45-64 yrs.	65 yrs. & over	
Scarlet Fever .....	27	—	1	4	17	2	1	2	—	—	—
Whooping Cough .....	14	5	6	2	1	—	—	—	—	—	—
Diphtheria .....	—	—	—	—	—	—	—	—	—	—	—
Measles .....	193	9	70	64	48	1	1	—	—	—	—
Acute Pneumonia, Primary or Influenzal .....	13	—	1	—	—	1	1	1	3	6	—
Meningococcal Infection .....	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis— paralytic .....	—	—	—	—	—	—	—	—	—	—	—
non-paralytic .....	—	—	—	—	—	—	—	—	—	—	—
Acute Encephalitis— infective .....	—	—	—	—	—	—	—	—	—	—	—
post-infectious .....	—	—	—	—	—	—	—	—	—	—	—
Dysentery .....	72	3	8	5	28	5	5	10	8	—	—
Ophthalmia Neonatorum .....	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia .....	—	—	—	—	—	—	—	—	—	—	—
Smallpox .....	—	—	—	—	—	—	—	—	—	—	—
Paratyphoid Fevers .....	—	—	—	—	—	—	—	—	—	—	—
Enteric or Typhoid Fever .....	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning .....	1	1	—	—	—	—	—	—	—	—	—
Erysipelas .....	2	—	—	—	—	—	—	—	1	1	—
Tuberculosis: Pulmonary .....	18	—	—	1	1	—	3	6	4	3	—
Non-Pulmonary .....	1	—	—	—	—	—	1	—	1	—	—
Infective Jaundice .....	6	—	—	—	—	3	1	2	—	—	—
TOTALS .....	347	18	86	76	95	12	12	21	17	10	—

The corrected total of confirmed cases of infectious disease amounted to 341 as against 563 the previous year. 567 visits were made by the Public Health Inspectors for the purpose of investigating certain cases of infectious disease.

Disinfection was carried out at premises where infectious diseases occurred, 8 houses being treated during the year. In addition, 135 articles of clothing, bedding, &c., and 90 library books were removed and treated at the disinfecting station.

The Borough Education Officer and principals at the schools were notified of occurrences concerning school children, and the Borough Librarian was notified of all cases.

**Infectious Diseases recorded in selected years since the  
formation of the Borough.**

Diseases	1937	1940	1945	1950	1955	1968
Scarlet Fever .....	83	109	140	120	44	27
Whooping Cough .....	37	26	22	155	345	14
Diphtheria and Memb. Croup	87	103	40	—	—	—
Measles .....	278	893	145	779	804	193
Pneumonia—primary or influenzal .....	63	74	26	26	25	13
Meningococcal Infection .....	—	17	4	3	1	—
Poliomyelitis—acute .....	—	2	1	6	4	—
Encephalitis—acute .....	—	1	—	1	—	—
Dysentery .....	—	—	1	1	89	72
Ophthalmia Neonatorum ...	4	19	2	—	—	—
Puerperal Pyrexia .....	1	6	1	1	2	—
Smallpox .....	—	—	—	—	—	—
Paratyphoid Fevers .....	—	—	2	—	—	—
Enteric or Typhoid Fever .....	7	5	—	—	—	—
Food Poisoning .....	—	—	—	1	—	1
Erysipelas .....	20	32	17	20	5	2
Malaria .....	—	1	1	1	—	—
Tuberculosis - Pulmonary	66	71	68	103	60	18
„ Non-Pulmonary	19	12	16	8	2	1
Typhus Fever .....	—	—	—	—	—	—
Relapsing Fever .....	1	—	—	—	—	—
Rheumatic Fever .....	—	—	—	—	—	—
Totals .....	666	1371	486	1225	1381	341

## SECTION 5

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### Shops Act, 1950.

The Act came into operation on 1st October, 1950, but as a consolidating measure only, making no change in the existing legislation.

Under the Act the routine inspection of shops was continued during 1968, a total of 35 inspections being made during the year. Defects and contraventions discovered were referred to the persons responsible. These matters received prompt attention and were dealt with informally.

At the end of the year there were 997 occupied shops on the register; there are very few empty shops in the area.

### THE PET ANIMALS ACT, 1951.

This Act confers upon Local Authorities power to licence and control pet shops. All shops in the Borough where animals are sold are inspected and in licensing such premises the Council have imposed conditions designed to secure the comfort and humane treatment of the animals concerned.

### PETROLEUM REGULATIONS.

Thirty-four premises were licensed during the year for the storage of petrol. 17 of these premises were public filling stations ; in the remaining cases petrol was stored only for use in the Licensees' vehicles.

Four licences were issued for the storage of cellulose thinners.

### THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

This Act, which came into force on 1st August, 1964, increased the local authorities power of control over shops, for the first time extended these powers to offices, and made registration obligatory upon the proprietors of both types of premises.

The table below gives details of each type of premises on the register at the end of the year and the number of visits made.

<i>Class</i>	<i>Number of premises</i>	<i>Number received a general inspection</i>	<i>Number of exemptions</i>
Offices	101	14	—
Retail Shops	504	171	—
Wholesale shops, Warehouses	7	13	—
Catering establishments, Canteens	41	7	—
Fuel storage depots	1	1	—
No. of visits of all kinds		329	

## SECTION 6

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### FACTORIES ACTS, 1937 to 1961.

#### 1. INSPECTIONS for purposes of provisions as to health.

Premises	Number on Register	Number of		
		In- spections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	9	23	—	—
(ii) Factories not included in (i) in which Sec. 7 is enforced by the Local Authority ...	58	184	2	—
(iii) Other Premises in which Sec. 7 is enforced by the Local Authority (excluding out-workers' premises) ...	10	13	—	—
TOTAL ...	77	220	2	—



2. CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				Number of cases in which Prosecutions were Instituted
	Found	Remedied	To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (S.1.) ...	7	7	—	—	—
Overcrowding (S.2.) ...	—	—	—	—	—
Unreasonable temperature (S.3.)	—	—	—	—	—
Inadequate ventilation (S.4.) ...	1	1	—	—	—
Ineffective drainage of floors (S.6.)	—	—	—	—	—
Sanitary Conveniences (S.7.)					
(a) Insufficient ...	2	2	—	—	—
(b) Unsuitable or defective ...	10	10	—	—	—
(c) Not separate for sexes ...	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork) ...	—	—	—	—	—
TOTAL ...	20	20	—	—	—

HOME WORKERS.

Occupiers of factories from which work of certain kinds is given out are compelled to keep a list of outworkers employed by them, and to send a copy of the list to the Local Authority in February and August of each year. There were no outworkers in Crosby during 1968, but lists of those employed by firms in Crosby and living in other districts were sent to the local authorities concerned.

SECTION 7

Housing and Environmental Hygiene.

NUMBER OF NEW HOUSES ERECTED DURING THE YEAR

				<i>Houses, maisonnettes and bungalows</i>	<i>Flats</i>
By the local authority	...	...	...	134	116
By other local authorities	...	...	...	—	—
By other bodies or persons	...	...	...	75	45

INSPECTION OF THE DISTRICT

During the year 9,951 premises in the Borough were inspected.

To secure the abatement of nuisances found during these inspections, 778 preliminary notices were served upon owners and occupiers. Cases in which these notices were not complied with were reported to the Health Committee, upon whose order 256 statutory notices were served.

Premises were visited while work was in progress with the object of ensuring that the nuisances were satisfactorily abated, the number of such re-inspections being 3,379. 2,711 nuisances were discovered and 2,465 abated during the year.

Intimations were sent to the Borough Engineer's Department on 89 occasions regarding the following matters noted during inspections of the district.

Choked or damaged gullies and sewers .....	31
Defective paving and pathways .....	4
Removal of refuse and debris .....	31
Dangerous walls and buildings .....	7
Miscellaneous matters .....	16

## INSPECTION OF DWELLING-HOUSES DURING THE YEAR

1. (a).	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ....	3,397
(b).	Number of inspections made for the purpose .....	6,825
2. (a).	Number of dwelling-houses (included under 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 .....	—
(b).	Number of inspections made for the purpose .....	—
3.	Number of houses in a state so dangerous or injurious to health as to be unfit for human habitation .....	approx. 1,000
4.	Number of dwelling-houses (exclusive of 3 above) found not to be in all respects reasonably fit for human habitation	806

## REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers .....	498
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## ACTION UNDER STATUTORY POWERS

## Proceedings under Public Health Acts :—

(1).	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .....	237
(2).	Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a).	By owners .....	237
(b).	By Local Authority in default of owners .....	—

## Proceedings under Sections 16 and 17 of Housing Act, 1957 :—

(1).	Number of dwelling-houses in respect of which Demolition Orders were made .....	—
(2).	Number of dwelling-houses demolished in pursuance of Demolition Orders .....	—
(3).	Number of houses in clearance areas confirmed during the year .....	261

## THE RENT ACT, 1957.

One application for a Certificate of Disrepair was received during the year. No certificates were issued.

No applications for the issue of certificates as to the remedying of defects were received.

## OFFENSIVE TRADES AND FISH FRIERS.

There are no premises in the Borough at which offensive trades are carried on.

There were 21 fish frying establishments on the register at the end of 1968. 30 visits of inspection were made during the year and in all cases the premises were found to be maintained in a clean and satisfactory condition. Minor matters discovered in inspections were all remedied informally.

## REMOVAL OF HOUSE REFUSE.

This work is carried out under the direction of the Borough Engineer and supervised by the Cleansing Superintendent.

The removal of household refuse throughout the Borough is effected by means of mechanised vehicles. Ashbins are emptied weekly.

Shop refuse is removed twice weekly by means of a covered motor vehicle, and the charge for collection is 1/- per bin after one free bin.

The Corporation dispose of the refuse by controlled tipping, under a joint scheme operated by Crosby, Bootle and Litherland.

During the year an estimated total of 18,250 tons of refuse was collected and removed.

## STREAMS AND WATERCOURSES.

The streams and ditches are cleansed and bottomed by their owners and receive frequent inspection.

With the spread of new houses into the rural area, the task of keeping ditches clear becomes more difficult each year, and constant supervision is necessary.

## SMOKE ABATEMENT.

There are four factory chimneys in the Borough. 321 observations were taken during the year, but few serious emissions of smoke were noted. There can be little doubt that nearly all the atmospheric pollution in the Borough is now due to domestic chimneys and smoke blown in from other areas.



Daily volumetric smoke and sulphur dioxide recorders are in operation at Alexandra Hall and Waterloo Library.

### CINEMAS.

There are two cinemas in the Borough. Both were inspected and found to be well conducted.

### VERMIN-INFESTED PREMISES.

Where vermin are found, whatever treatment seems most appropriate is promptly applied. Bug-infested dwellings are liberally sprayed with a solution of 5% D.D.T. in paraffin. Bedding is removed before spraying commences, treated with high pressure steam, and returned, aired and ready for use, on the same day. Flies, fleas and moths are dealt with by a lighter spraying with the same insecticide, or by the dissemination of insecticidal smokes in the affected rooms. Cockroaches, ants and 'silverfish' are combated by the use of a mixture of 10% D.D.T. in an inert powder. This has proved effective, and has the advantage of being almost odourless. Benzene hexachloride and dieldrin are also used in suitable cases, and aqueous suspensions of D.D.T. have been employed where there was danger of fire.

Precautions are taken to guard against the risk of bug-infestation in Corporation houses, and if the least trace of infestation is found, the furniture is fumigated with hydrogen cyanide during removal. This work is carried out by contractors in the employ of the Council. At the same time, bedding, etc., is treated by high pressure steam in the Corporation's disinfecter.

All complaints received regarding infestation were investigated, and bugs were found in the following premises :—

Council Houses, 8.

Other Houses, 14.

75 detailed inspections were recorded under this heading during the year, and 212 premises were disinfested on account of infestation by fleas, moths, cockroaches, ants, 'silverfish', wasps, woodworms and spider-beetles.

### TENTS, VANS AND SHEDS.

There are no temporary dwellings on licensed sites in the Borough.

## PREVENTION OF DAMAGE BY PESTS ACT, 1949.

The acquired immunity of mice to the rodenticides in common use continued to cause concern, but new rodenticides, reasonably effective against mice have been used during the year with good results.

				<i>Type of property</i>	
				<i>Non-agricultural</i>	<i>Agricultural</i>
No. of properties in district	...	...		21,608	19
Total no. of properties inspected following notification	...	...	...	794	—
No. infested by (a) rats	...	...		243	—
(b) mice	...	...		522	—

## SCHOOLS.

At the end of 1968 there were 32 Schools in the Borough. The names of all children who are excluded from school on account of infectious disease in their homes are notified to the Head Teachers of the schools concerned.

## BACTERIOLOGICAL WORK

All specimens requiring bacteriological examination are submitted to The Public Health Laboratory, Liverpool.

## WATER SUPPLY

The Liverpool Corporation supply the whole of the Borough with water excellent in quality and adequate in quantity, drawn chiefly from Llyn Celyn and Lake Vyrnwy in North Wales, supplemented by water from the River Dee. All houses are served from the public mains.

The water is purified by filtration, and afterwards treated with chlorine. Samples are regularly examined by the Liverpool City Bacteriologist, with uniformly satisfactory results.

No difficulties due to plumbo-solvent action have been experienced.

## SCAVENGING

This work is carried out by Corporation workmen under the supervision of a Cleansing Superintendent directed by the Borough Engineer.

The main roads are cleansed daily, other roads at less frequent intervals—at least once weekly. The district is therefore kept in a clean and tidy state, the whole of the approximately 86 miles of roads with their passages receiving regular attention. The work is carried out on the gang system and hand-controlled electric vehicles are used. Large gully emptiers are in use with a smaller machine for passage gullies.

## SUMMARY OF WORK OF PUBLIC HEALTH INSPECTORS, 1968.

### PUBLIC HEALTH AND HOUSING ACTS.

Number of dwelling houses inspected under Public Health Act .....	3191
"                    "          re-visited under Public Health Act .....	3379
"                    "          inspected under Housing Acts .....	206
"                    "          re-visited " " " .....	49
"                    "          inspected re vermin .....	75
"                    "          inspected re overcrowding and re-housing	201
"          complaints received and investigated .....	2754

### GENERAL SANITATION.

Number of visits re drainage inspections and tests .....	149
"          "          Water Supply .....	187
"          "          Infectious Diseases and Disinfection .....	584
"          "          Rats and Mice Infestation .....	126
"          "          Factories, workplaces and outworkers' rooms .....	271
"          "          Houses let in lodgings .....	30
"          "          Smoke Observations and Clean Air Act .....	321
"          "          Pet Shops .....	6
"          "          Petroleum Act .....	110
"          "          Explosives Acts .....	81
"          "          Public Conveniences .....	20
"          "          Common Yards and Passages .....	77
"          "          Refuse Collection and Disposal .....	121
"          "          Accumulation of Manure .....	3
"          "          Schools .....	12
"          "          Animal Boarding Establishments .....	10
"          "          Watercourses .....	24

### MEAT AND FOOD INSPECTION.

Number of visits to Preserved Food Premises .....	87
"          "          Butchers' Shops .....	109
"          "          Dairies and Milk Shops .....	208
"          "          Fishmongers and Poulterers .....	40
"          "          Fried Fish Shops .....	30
"          "          Greengrocers and Fruiterers .....	60
"          "          Grocers .....	231
"          "          Bakers and Confectioners .....	36
"          "          Restaurants and Dining Rooms .....	60
"          "          Licensed Houses .....	20
"          "          Ice Cream Premises .....	153
"          "          Other Food Premises .....	135
"          "          Street Hawkers and Vendors .....	12
Number of samples taken—Food and Drugs .....	144
"          "          —Milk for Bacteriological Examination .....	93
"          "          —Ice Cream .....	78

### MISCELLANEOUS.

Number of visits under Offices, Shops and Railway Premises Act .....	235
Number of visits to Shops concerning Shops Act .....	35
Number of visits concerning Improvement Grants .....	65
Number of visits concerning Rent Acts .....	9
Interviews with Owners, Contractors, etc. ....	172
Sundry visits and inspections .....	299



## DISINFECTION AND DISINFESTATION.

### Rooms, etc., disinfected after Infectious Diseases :—

Number of rooms .....	6
Number of articles of clothing, bedding, etc. ....	135
Number of Library Books .....	90
Number of Verminous Rooms Disinfested .....	45

## NOTICES SERVED AND COMPLIED WITH.

Preliminary notices served .....	778
Preliminary notices complied with.....	791
Statutory notices served . ....	256
Statutory notices complied with.....	274

## NUISANCES ABATED AND DEFECTS REMEDIED.

### (a) Dwelling Houses—

Dangerous or defective walls rebuilt .....	9
Roofs repaired or renewed .....	194
External walls re-pointed or repaired.....	59
Rainwater pipes and eavesgutters repaired or renewed .....	117
Dampness remedied .....	361
Wall plaster repaired.....	124
Ceilings repaired or renewed .....	91
Floors or stairways repaired or renewed .....	71
Doors repaired or renewed .....	56
Windows repaired or renewed .....	263
Cooking ranges and fireplaces repaired or renewed .....	9
Chimneys and stacks repaired .....	39
Water supply pipes repaired or supply improved .....	69
Sinks provided, renewed or repaired .....	30
Sink waste pipes renewed or repaired .....	56
Yards and passages paved or repaired .....	49
Miscellaneous .....	13

### (b) Drainage—

Drains cleared of obstruction .....	420
Drains repaired or reconstructed .....	4
Soil pipes, ventilating shafts, etc., repaired .....	10

### (c) Water Closets—

New water closets provided .....	1
Compartments repaired or cleansed .....	8
Basins provided or repaired .....	56
Cisterns provided or repaired .....	72
Cesspools cleansed or repaired .....	3

### (d) Dustbins—

New dustbins provided .....	77
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### (e) Miscellaneous—

Offensive accumulations removed.....	5
Dirty premises cleansed .....	1

G. F. LEWIS,

Chief Public Health Inspector





